

Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office							Atty. Docket No. P22034		Serial No. 10/648,219			
O I P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)									Applicant Yoshihiro HAMA et al.					
									Filing Date August 27, 2003		Group 2872			
U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER						DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<i>APL</i>		5	8	0	1	7	4	6	09/01/98	YAMAGUCHI et al.				
		5	2	4	3	3	5	9	09/07/93	FISLI				
		5	1	8	1	1	3	7	01/19/93	KOIDE				
		5	7	8	4	0	9	4	07/21/98	OTA et al.				
		6	3	1	7	2	4	5	11/13/01	HAMA et al.				
		6	3	9	6	6	1	5	05/28/02	HAMA et al.				
		6	3	9	2	7	7	2	05/21/02	HAMA et al.				
		6	3	9	2	7	7	3	05/21/02	HAMA et al.				
<i>APL</i>	2001/	0	0	2	6	3	9	2	10/04/01	HAMA et al.				
FOREIGN PATENT DOCUMENTS														
		DOCUMENT NUMBER						DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES      NO	
<i>APL</i>		2	-	5	8	0	1	5	02/27/90	JAPAN				
	6	-	1	6	0	7	4	3	06/07/94	JAPAN			X	
	10	-	1	3	3	1	3	1	05/22/98	JAPAN			X	
<i>APL</i>	9	-	0	0	5	6	5	6	01/10/97	JAPAN			X	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)														
<i>Cherny</i>														
EXAMINER	DATE CONSIDERED							<i>2/3/04</i>						
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.														